



SEQUENCE LISTING

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JACOBSEN, NANA

<120> METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
NUCLEOTIDE SEQUENCE

<130> 57764 (71994)

<140> 10/601,140
<141> 2003-06-20

<150> US 60/390,928
<151> 2002-06-24

<160> 45

<170> PatentIn Ver. 3.2

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oligonucleotide

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<223> LNA monomer

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<222> (5)
<223> LNA monomer

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<223> LNA monomer

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<220>
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<210> 6
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<400> 6
ttttttttt tttttttt
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<220>
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<400> 7
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<210> 8
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<220>
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<220>
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<210> 9
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<400> 9
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<210> 10
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<213> Artificial Sequence

<220>
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<210> 12
<211> 35
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<213> Artificial Sequence
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20

35

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oligonucleotide

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<210> 14
<211> 35
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<220>
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<400> 14
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<210> 15
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 15
tttttttttt tttt 10

<210> 16
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<220>
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<400> 16
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<210> 17
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<220>
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ttttttttt ttttt	
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

<220>
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15

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<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

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<223> LNA monomer

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<222> (13)
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<400> 21
gtttttttt ttttg

<210> 22
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<220>
<223> Description of Artificial Sequence: Synthetic
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<220>
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<220>
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<400> 22
ttttttttt tttgt

<210> 23
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<212> DNA
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<220>
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<210> 24
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<220>
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<223> this sequence may encompass 12-18 nucleotides

<400> 24
ttttttttt tttttttt 18

<210> 25
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 25
acgtgaattc tttccatcca agccgtttt 30

<210> 26
<211> 43
<212> DNA
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<220>
<223> Description of Artificial Sequence: Primer

<400> 26
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<210> 27
<211> 33
<212> DNA
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<220>
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<400> 27
acgtgagctc tttgacatg tcagaattc aag 33

<210> 28
<211> 44
<212> DNA
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<220>
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<400> 28
gatccccggg aattgccatg ttactttca gcttcctctt caac 44

<210> 29
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 29
acgtgagctc ttttgacatg tcagaatttc aag 33

<210> 30
<211> 44
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<220>
<223> Description of Artificial Sequence: Primer

<400> 30
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<210> 31
<211> 50
<212> DNA
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<220>
<223> Description of Artificial Sequence: Primer

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acgtggatcc tttttttttt tttttttttt gatccccggg aattgccatg 50

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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
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<400> 33
ggccagtgaa ttgtataacg actcaactata gggaggcggt tttttttttt ttttttttv 60
n                                         61

<210> 34
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<220>
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aaaaaaaaaaa aaaaaaaaaaa                                         20

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<211> 44
<212> DNA
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<220>
<223> Description of Artificial Sequence: Primer

<400> 35
gatccccggg aattgccatg ctaatcaacc tcttcaaccc ttgg                                         44

<210> 36
<211> 35
<212> DNA
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<220>
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<400> 36
acgtgagctc attgaaaactg caggtggat tatga                                         35

<210> 37
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 37
cgtggatcct tttttttttt ttttttttg atccccggga attgccatg                                         49

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<211> 37
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

<400> 38
aatmcttmcc ctatcgtaa gtaattgtaa tcctgttt

<210> 39
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
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      oligonucleotide

<220>
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<222> (1)
<223> LNA monomer

<220>
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<223> LNA monomer

<220>
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37

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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
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<400> 40
ttttttttt tttttttttt

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20

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<210> 41
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

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<400> 41
gccagaggaa actctggtgg aagtcc

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26

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<210> 42
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 42
agcctccctt ggtgttttaa gggccg 26

<210> 43
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 43
aaaaaaaaaa aaaaaaaaaa a 21

<210> 44
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 44
aaaaaaaaaa aaaaaaaaaa 20

<210> 45
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
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<223> LNA monomer

<220>
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<222> (22)
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<400> 45
ttttttttt tttttttttt vn

22